



**Re: Reporter seeking detail on New Bedford Harbor dredging project**

**Dave Dickerson** to: ElaineT Stanley  
Cc: Dave Deegan, Jeanethe Falvey

06/15/2010 11:04 AM

42 years left (41 after this year!) at \$15m/yr and 100% offsite disposal

ElaineT Stanley

Jeanethe, I believe we have 42 years left.....

06/15/2010 10:57:31 AM

From: ElaineT Stanley/R1/USEPA/US  
To: Jeanethe Falvey/R1/USEPA/US@EPA  
Cc: Dave Deegan/R1/USEPA/US@EPA, Dave Dickerson/R1/USEPA/US@EPA  
Date: 06/15/2010 10:57 AM  
Subject: Re: Reporter seeking detail on New Bedford Harbor dredging project

Jeanethe,

I believe we have 42 years left.....is that right Dave Dickerson?!

Jeanethe Falvey

Thanks Elaine! To clarify for # 8: 42 years total?...

06/15/2010 10:49:40 AM

From: Jeanethe Falvey/R1/USEPA/US  
To: ElaineT Stanley/R1/USEPA/US@EPA  
Cc: Dave Deegan/R1/USEPA/US@EPA, David Dickinson/DC/USEPA/US@EPA  
Date: 06/15/2010 10:49 AM  
Subject: Re: Reporter seeking detail on New Bedford Harbor dredging project

Thanks Elaine! To clarify for # 8: 42 years total? Or 42 years left?

\*\*\*\*\*

Jeanethe Falvey Assistant Public Information Officer BP Spill - 202-250-8957 [www.epa.gov/bpspill](http://www.epa.gov/bpspill)

*Public Affairs Specialist  
Office of the Regional Administrator*

*EPA New England, Region 1  
5 Post Office Square  
Boston, MA 02109-3912*

*On Detail to the Office of Web Communications, Washington D.C.*

*p: 617.918.1020  
m: 857 366 0627*

ElaineT Stanley

Dave, Here are my responses to this email inquir...

06/15/2010 10:45:07 AM

From: ElaineT Stanley/R1/USEPA/US  
To: Dave Deegan/R1/USEPA/US@EPA  
Cc: David Dickinson/DC/USEPA/US@EPA, Jeanethe Falvey/R1/USEPA/US@EPA  
Date: 06/15/2010 10:45 AM  
Subject: Re: Reporter seeking detail on New Bedford Harbour dredging project

Dave,

Here are my responses to this email inquiry. Please let me know if you have any questions.

Questions:

1. When will the current dredging project begin?

**Response: June 14, 2010**

2. Is it due to end at the end of October - any approximate date available?

**Response: The end of the 2010 dredge season is scheduled for October 1, 2010**

3. Has a contractor been chosen for this project?

**Response: Yes. The U.S. Army Corps of Engineers, EPA's Construction Manager for the project, has a prime contract with Jacobs Engineering Group and the dredging subcontractor is Severson Environmental.**

4. What equipment will be used?

**Response: We will be using three "Mudcat" MC 2000 sediment dredges to hydraulically dredge contaminated sediment in different areas at different times, mostly depending on tide. Hydraulic dredging is not conducted in tidal areas at low tide.**

5. What techniques are going to be used?

**Response: Debris removal by means of mechanical excavation occurs ahead of dredging to remove scrap, trash, boulders and clumps of vegetation that could impair dredging production or damage the hydraulic dredging equipment. The dredge areas are set up prior to dredging with a perimeter of sheet piles. Hydraulic dredging is conducted within these sheets using a cable system where the dredge pulls itself back and forth within the dredge area. Dredge cuts are based on pre-dredging coring analytical results and progress coring. The dredge sediment slurry is transported from the dredge through floating pipelines and through two booster pump stations located on-shore. At one of the pump stations, ferric sulfate is added to react with hydrogen sulfide. The sediment is then routed to a desanding facility where sand and shells are removed. The remaining sediment slurry is pumped to a dewatering facility where water is removed, treated and discharge back into the river. The resultant sediment filter cake is loaded into rail cars for shipment off-site to a licensed TSCA disposal facility.**

6. What are the environmental considerations? And are there specific times when dredging can and cannot be carried out?

**Response: Water quality, including chemistry, turbidity, dissolved oxygen and toxicity is monitored during dredging operations. Air monitoring for PCBs is also conducted at various locations at the dredge and along the river. Dredging is also conducted so as to avoid impact on the annual fish migration in the Upper New Bedford Harbor where we are currently dredging. Tidal areas are only dredged during high tide.**

7. What are the key challenges and how will these be overcome?

**Response: One of the key challenges for this project is the constraint posed by the tidal cycle. Three dredges have been launched to work in different areas (tidal and subtidal) to maximize the dredging time.**

8. How much will the project cost?

**Response: Based on the typical funding rate of \$15 million per year, it is estimated to take approximately 42 years and \$1.1 billion.**

9. Where are the funds coming from?

**Response: Current funding for the project is coming from the general revenue treasury. In 2009, stimulus funding from the American Recovery and Reinvestment Act in the amount of \$30 million was added to the base funding and allowed for longer 2009 and 2010 dredging seasons (additional six months of dredging) and removal of more of the most highly PCB-contaminated**

sediment.

10. In this phase, is it accurate that 700,000 cubic yards of sediment is scheduled to be moved?

**Response: There are approximately 700,000 cubic yards of sediment yet to be removed from the Upper and Lower New Bedford Harbor.**

11. Is it accurate that 193,000cys has been dredged over the previous 6 seasons?

**Response: Since 2000, approximately 200,000 cubic yards of the most highly contaminated sediments and shoreline soils, backyards and salt marshes have been addressed. Full-scale dredging, dewatering and disposal operations began in 2004 where, at the current funding level of \$15 million, approximately 20,000-25,000 cubic yards of contaminated sediment is dredged per year. Stimulus funding allowed for approximately 50,000 cubic yards of contaminated sediment to be removed in 2009.**

12. How much of the 700,000cy's is expected to be contaminated?

**Response: All of the sediment to be excavated is contaminated with risk-based unacceptable levels of PCBs.**

13. Where is the sediment taken to? And is it to be treated?

**Response: The sediment filter cake is shipped to a TSCA-licensed landfill in Michigan for disposal.**

Dave Deegan

Hi Dave & Elaine, I believe Jeanethe is on her w...

06/14/2010 03:44:10 PM

From: Dave Deegan/R1/USEPA/US  
To: David Dickinson/DC/USEPA/US@EPA, ElaineT Stanley/R1/USEPA/US@EPA  
Cc: Jeanethe Falvey/R1/USEPA/US@EPA  
Date: 06/14/2010 03:44 PM  
Subject: Reporter seeking detail on New Bedford Harbour dredging project

Hi Dave & Elaine,

I believe Jeanethe is on her way this afternoon or tomorrow to DC to assist some more with the ongoing Gulf disaster, so I'm hoping between the two of you, you can help to answer the questions outlined below from the reporter and send responses back to me... I'm glad to then compile a cleaned up email back to reporter answering everything.

Also, do you have any good photos to send or should I just refer her to the Web (at <http://epa.gov/region1/nbh/photogallery.html>)?

We should try to get something completed by tomorrow, if your schedules allow.

Thanks!  
Dave

~~~~~  
David Deegan  
Office of Public Affairs  
U.S. EPA - New England Region  
617-918-1017 (office)  
<http://www.epa.gov/ne>  
Follow EPA New England on Twitter: [www.twitter.com/epanewengland](http://www.twitter.com/epanewengland)

\*\* Help Save Paper \*\* Don't Print This Email Unless Necessary \*\*

----- Forwarded by Dave Deegan/R1/USEPA/US on 06/14/2010 03:39 PM -----

From: Girija Shettar <Girija.Shettar@Irfairplay.com>  
To: Dave Deegan/R1/USEPA/US@EPA  
Cc: Girija Shettar <Girija.Shettar@Irfairplay.com>  
Date: 06/14/2010 11:27 AM  
Subject: New Bedford Harbour dredging project

---

Dear Mr Deegan,

I am a reporter for the UK-based magazine *Dredging and Port Construction* . I would like to obtain a few extra details about the above mentioned project. (The article from your website is at the foot of this email for your reference.)

Also, could you send me some high-resolution jpegs of dredging work at the Harbour?

Questions:

1. When will the current dredging project begin?
2. Is it due to end at the end of October - any approximate date available?
3. Has a contractor been chosen for this project?
4. What equipment will be used?
5. What techniques are going to be used?
6. What are the environmental considerations? And are there specific times when dredging can and cannot be carried out?
7. What are the key challenges and how will these be overcome?
8. How much will the project cost?
9. Where are the funds coming from?
10. In this phase, is it accurate that 700,000 cubic yards of sediment is scheduled to be moved?
11. Is it accurate that 193,000cys has been dredged over the previous 6 seasons?
12. How much of the 700,000cy's is expected to be contaminated?
13. Where is the sediment taken to? And is it to be treated?

Many thanks, and I look forward to hearing from you,

**Ms Girija Shettar**

*Staff Reporter, Dredging and Port Construction*

IHS Fairplay  
Lombard House. 3 Princess Way  
Redhill, Surrey RH1 1UP, UK

Tel +44 1737 379000  
Direct +44 1737 379156  
Fax +44 1737 379007

[girija.shettar@ihs.com](mailto:girija.shettar@ihs.com)  
[www.ihsfairplay.com](http://www.ihsfairplay.com)

IHS Global Limited  
Registered in the UK (00788737)

THE ARTICLE

Superfund Dredging Resumes for Seventh Season in New Bedford Harbor

Release date: 06/09/2010

Contact Information: Jeanethe Falvey, 617-918-1020

(Boston, Mass. – June 9, 2010) Through the first two weeks of June, work crews will be mobilizing equipment and personnel for the startup of EPA's seventh season of Superfund dredging in New Bedford Harbor. Dredging is officially set to begin on June 14, 2010. This is the same cleanup process that has been used since the start of full scale dredging in 2004. In total, approximately 193,000 cubic yards of PCB-contaminated sediment have been removed as required by the 1998 cleanup plan; including cleanups prior to 2004 and the 2005 underwater cap project. Approximately 700,000 cubic yards of sediment remain to be addressed. EPA has worked within a "worst first" approach and much of the remaining sediment is lower in PCB levels than that removed to date.

Last year's dredging was bolstered with additional cleanup funding from the 2009 American Recovery and Reinvestment Act. This additional funding allowed for five full months of dredging, up from the two months that had been typical with annual appropriated funding since Superfund dredging began in 2004. A portion of that funding, leftover from last year, will be supporting this season as well. The extended duration for the 2009 dredge season doubled the amount of contaminated material that was removed from the harbor, and EPA anticipates this year's results to be similar aiming to cleanup another 50,000 cubic yards by the end of October.

Cleanup crews will be operating 6 days a week, 12 hours a day, overseeing dredging and processing equipment, on the river and inside the two shoreline processing facilities at the end of Sawyer Street and Hervey Tichon Avenue in New Bedford. Similar to last year, two dredging locations will be staged in the upper harbor to take advantage of the tides to ensure as steady a process as possible.

Similar to previous years, water and air quality monitoring will be performed at numerous locations during the dredging season to ensure the protection of human health and the environment. .

---

The information contained in this email and any files attached to it are strictly confidential, may be legally privileged and are intended solely for the addressee. Liability cannot be accepted for statements made which are the sender's own and not made on behalf of IHS Fairplay. If you are not the named addressee, you may not use, copy or disclose this information to any other person or take any action in reliance of this transmission. If you have received this message in error, please notify the sender or [postmaster@Irfairplay.com](mailto:postmaster@Irfairplay.com) immediately and delete the message from your system. Although this message has been subjected to virus checks, no responsibility is accepted by IHS Fairplay for any loss or damage arising in any way from receipt or use thereof. Messages to and from the company are monitored for operational reasons and in accordance with lawful business practices.

---